



<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)	<b>Complete if Known</b>	
	<b>Application Number</b>	09/815,884
	<b>Filing Date</b>	March 23, 2001
	<b>First Named Inventor</b>	Harlan T. Jacobs
	<b>Group Art Unit</b>	2685
	<b>Examiner Name</b>	Blane J. Jackson
Sheet 1 of 1		<b>Attorney Docket Number:</b> 1327.011US1

U.S. PATENT DOCUMENTS				
Examiner Initials*	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
12	US-4,832,463	05/23/1989	Goldner, Ronald B., et al.	
12	US-5,445,126	08/29/1995	Graves, Jr., Roger A.	
12	US-5,510,209	04/23/1996	Abraham, Kuzhikalail M., et al.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Foreign Document No.	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>2</sup>
h	JP-59123236	07/17/1984	Kurahashi, Toshio		

OTHER DOCUMENTS – NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No.¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T²
12		DOBLEY, ARTHUR , et al., "High Capacity Cathodes for Lithium-Air Batteries", Yardney Technical Products, Inc./Lithion, Inc. Pawcatuck, CT < <a href="http://www2.electrochem.org/cgi-bin/abs?mtg=206&amp;abs=0496">http://www2.electrochem.org/cgi-bin/abs?mtg=206&amp;abs=0496</a> >.,			

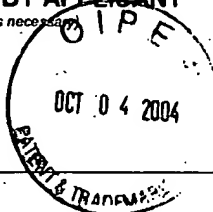
EXAMINER SIGNATURE

*BJJ / lb*

DATE CONSIDERED

4/28/05

Substitute for form 1449A/PTO  
**INFORMATION DISCLOSURE  
 STATEMENT BY APPLICANT**  
 (Use as many sheets as necessary)



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known

Application Number 09/815,884  
 Filing Date March 23, 2001  
 First Named Inventor Jacobs, Harlan T.  
 Group Art Unit 2685  
 Examiner Name Jackson, Blane  
 RECEIVED OCT 12 2004  
 Technology Center 2600

Sheet 1 of 1

Attorney Docket No: 1327.011US1

**US PATENT DOCUMENTS**

Examiner Initial*	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date If Appropriate
B2	US-20010014398A1	08/16/2001	Veerasamy, V. S.	428	408	03/15/2001
	US-20010051300A1	12/13/2001	Moriguchi, Koji, et al.	429	231.8	04/16/1999
	US-20020076616A1	06/20/2002	Lee, S., et al.	429	300	01/29/2002
	US-4,481,265	11/06/1984	Ezawa, M., et al.	429	9	06/08/1983
	US-5,202,196	04/13/1993	Wang, L., et al.	429	86	04/26/1991
	US-5,433,096	07/18/1995	Janssen, David C., et al.	70	278	08/26/1993
	US-5,695,873	12/09/1997	Kumar, B., et al.	428	325	06/05/1995
	US-5,914,507	06/22/1999	Polla, Dennis L., et al.	257	254	10/30/1996
	US-5,953,677	09/14/1999	Sato, Y.	455	574	09/08/1997
	US-6,056,857	05/02/2000	Hunt, T. J., et al.	204	192.15	08/13/1997
	US-6,086,962	07/11/2000	Mahoney, L. J., et al.	427	577	02/03/1999
	US-6,203,944	03/20/2001	Turner, R. L., et al.	429	218.1	03/26/1998
	US-6,238,813	05/29/2001	Maile, Keith R., et al.	429	9	07/24/1998
	US-6,327,909	11/30/1999	Hung, E., et al.	73	514.16	11/30/1999
	US-6,432,577	08/13/2002	Shul, Randy J., et al.	429	162	06/29/2000
	US-6,475,854	11/05/2002	Narwankar, P. K., et al.	438	238	12/21/2000
	US-6,558,836	05/06/2003	Whitacre, Jay F., et al.	429	162	02/08/2001
	US-6,576,369	06/10/2003	Moriguchi, K., et al.	429	231.8	08/24/1998
	US-6,634,232	10/21/2003	Rettig, R., et al.	73	514.15	09/19/2002
B2	US-6,741,178	05/25/2004	Tuttle, John R.	340	572.1	01/11/2000

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T <sup>2</sup>
--------------------	---------------------	------------------	---	-------	----------	----------------

**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
B2		LUGSCHEIDER, E., et al., "Comparison of the Structure of PVD-Thin Films Deposited With Different Deposition Energies", <u>Surface and Coatings Technology</u> , 86-87 (1-3), (December 1, 1996), 177-183	
B2		MCKENZIE, D. R., et al., "New Technology for PACVD", <u>Surface and Coatings Technology</u> , 82 (3), (1996), 326-333	
B2		SHUKLA, A. K., et al., "Electrochemical supercapacitors: Energy storage beyond batteries", <u>Current Science</u> , Vol 79, No. 12, (Dec 25, 2000), 1656-1661	

EXAMINER

*[Signature]*

DATE CONSIDERED

4/28/04

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached

Substitute Disclosure Statement Form (PTO-1449)



## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	BATTERY-OPERATED WIRELESS-COMMUNICATION APPARATUS AND METHOD																																																								
<p>Application Number: 09/815884</p> <p>Confirmation Number: 7390</p> <p>First Named Applicant: Harlan Jacobs</p> <p>Attorney Docket Number: 1327.011US1</p> <p>Art Unit: 1745</p> <p>Examiner: Unknown Unknown</p> <p>Search string: ( 4353160 or 4440108 or 4520039 or 4633129 or 4654726 or 4684848 or 4862032 or 5017550 or 5022930 or 5064520 or 5089104 or 5098737 or 5115378 or 5261968 or 5273837 or 5296122 or 5314765 or 5348703 or 5393572 or 5449994 or 5455126 or 5482611 or 5501175 or 5501924 or 5512147 or 5528222 or 5529671 or 5536333 or 5561004 or 5567210 or 5569520 or 5569564 or 5585999 or 5593551 or 5597660 or 5599644 or 5601652 or 5612152 or 5654084 or 5705293 or 5830331 or 5863337 or 5868914 or 5935727 or 5981107 or 5995006 or 6002208 or 6033471 or 6037717 or 6042687 or 6059847 or 6103412 or 6110620 or 6130507 or 6133159 or 6136165 or 6139964 or 6147354 or 6153067 or 6181545 or 6264709 or 6277523 ).pn.</p>																																																									
<b>US Patent Documents</b>																																																									
<p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p>																																																									
<table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td>RL</td><td>1</td><td>4353160</td><td>1982-10-12</td><td>Armini, Anthony J., et al.</td><td></td><td>29</td><td>572</td></tr><tr><td></td><td>2</td><td>4440108</td><td>1984-04-03</td><td>Little, Roger G., et al.</td><td></td><td>118</td><td>719</td></tr><tr><td></td><td>3</td><td>4520039</td><td>1985-05-28</td><td>Ovshinsky, Stanford R.</td><td></td><td>427</td><td>35</td></tr><tr><td></td><td>4</td><td>4633129</td><td>1986-12-30</td><td>Cuomo, Jerome J., et al.</td><td></td><td>313</td><td>153</td></tr><tr><td></td><td>5</td><td>4654726</td><td>1987-02-24</td><td>Hiratani, Masahiko , et al.</td><td></td><td>429</td><td>191</td></tr><tr><td></td><td>6</td><td>4684848</td><td>1987-08-04</td><td>Kaufman, Harold R., et al.</td><td></td><td>315</td><td>111.81</td></tr></tbody></table>		init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass	RL	1	4353160	1982-10-12	Armini, Anthony J., et al.		29	572		2	4440108	1984-04-03	Little, Roger G., et al.		118	719		3	4520039	1985-05-28	Ovshinsky, Stanford R.		427	35		4	4633129	1986-12-30	Cuomo, Jerome J., et al.		313	153		5	4654726	1987-02-24	Hiratani, Masahiko , et al.		429	191		6	4684848	1987-08-04	Kaufman, Harold R., et al.		315	111.81
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass																																																		
RL	1	4353160	1982-10-12	Armini, Anthony J., et al.		29	572																																																		
	2	4440108	1984-04-03	Little, Roger G., et al.		118	719																																																		
	3	4520039	1985-05-28	Ovshinsky, Stanford R.		427	35																																																		
	4	4633129	1986-12-30	Cuomo, Jerome J., et al.		313	153																																																		
	5	4654726	1987-02-24	Hiratani, Masahiko , et al.		429	191																																																		
	6	4684848	1987-08-04	Kaufman, Harold R., et al.		315	111.81																																																		

RECEIVED  
JUN 6 2003  
TC 1700

7	4862032	1989-08-29	Kaufman, Harold R., et al.	313	359.1
8	5017550	1991-05-21	Shioya, Jun , et al.	505	1
9	5022930	1991-06-11	Ackerman, Bruce , et al.	136	251
10	5064520	1991-11-12	Miyake, Kiyoshi , et al.	204	192.11
11	5089104	1992-02-18	Kanda, Naoya , et al.	204	192.11
12	5098737	1992-03-24	Collins, Carl B., et al.	427	53.1
13	5115378	1992-05-19	Tsuchiya, Yoshinobu , et al.	361	502
14	5261968	1993-11-16	Jordan, John F.	136	244
15	5273837	1993-12-28	Aitken, Bruce G., et al.	249	30
16	5296122	1994-03-22	Katsube, Teruaki , et al.	204	298.04
17	5314765	1994-05-24	Bates, John B.	429	194
18	5348703	1994-09-20	Bishop, A;an W., et al.	420	590
19	5393572	1995-02-28	Deamaley, Geoffrey	427	523
20	5449994	1995-09-12	Armand, Michel , et al.	320	14
21	5455126	1995-10-03	Bates, John B., et al.	429	127
22	5482611	1996-01-09	Helmer, , et al.	204	298.17
23	5501175	1996-03-26	Tanaka, So , et al.	117	108
24	5501924	1996-03-26	Swierbut, Wendi M., et al.	429	224
25	5512147	1996-04-30	Bates, John B., et al.	204	192.15
26	5528222	1996-06-18	Moskowitz, Paul A., et al.	340	572
27	5529671	1996-06-25	Debley, William P., et al.	204	192.34
28	5536333	1996-07-16	Foote, James B., et al.	136	260
29	5561004	1996-10-01	Bates, John B., et al.	429	162
30	5567210	1996-10-22	Bates, John B., et al.	29	623.5
31	5569520	1996-10-29	Bates, John B.	429	162
32	5569564	1996-10-29	Swierbut, Wendi M., et al.	424	224
33	5585999	1996-12-17	De Long, Hugh C., et al.	361	505
34	5593551	1997-01-14	Lai, Kwok F.	204	192.12
35	5597660	1997-01-28	Bates, John B., et al.	429	191
36	5599644	1997-02-04	Swierbut, Wendi M., et al.	429	224
37	5601652	1997-02-11	Mullin, Richard S., et al.	118	723 EB
38	5612152	1997-03-18	Bates, John B., et al.	429	152
39	5654084	1997-08-05	Egert, Charles M.	428	215
40	5705293	1998-01-06	Hobson; David O.	429	162
41	5830331	1998-11-03	Kim, Taesun E., et al.	204	192.15
42	5863337	1999-01-26	Neuman, George A., et al.	118	718
43	5868914	1999-02-09	Landsbergen, Jeroen F., et al.	204	298.06





# Electronic Information Disclosure Statement

## BATTERY-OPERATED WIRELESS-COMMUNICATION APPARATUS AND METHOD

Application:



09/815884

Confirmation: 7390

Applicant(s): Harlan Jacobs

Docket

Number:

1327.011US1

Group Art

Unit:

1745

Examiner:

Unknown,Unknown

search string:

( US-4,299,890 or US-4,333,808 or US-4,365,107 or US-4,730,383 or US-4,740,431 or US-5,051,274 or US-5,151,848 or US-5,171,413 or US-5,180,645 or US-5,189,550 or US-5,192,947 or US-5,338,625 or US-5,411,592 or US-5,425,966 or US-5,426,561 or US-5,445,906 or US-5,448,110 or US-5,468,521 or US-5,549,989 or US-5,558,953 or US-5,571,749 or US-5,626,976 or US-5,644,207 or US-5,695,885 or US-5,763,058 or US-5,872,080 or US-5,978,207 or US-6,094,292 or US-6,222,117 or US-6,236,061 ).pn.

RECEIVED  
APR 15 2003  
TC 2800 MAIL ROOM

### US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Citation No.	Patent Number	Date	Bar Code	Patentee	Class	Subclass
P01	P01	US-4,299,890	06/18/1980		Rea, Jesse R., et al.	429	124
P02	P02	US-4,333,808	02/13/1981		Bhattacharyya, A., et al.	204	192 D



P03	US-4,365,107	02/19/1981		Yamauchi, Yutaka	136	258
P04	US-4,730,383	05/05/1986		Balkanski, Minko	29	623.5
P05	US-4,740,431	12/22/1986		Little, Roger G.	429	9
P06	US-5,051,274	09/11/1989		Goldner, Ronald B., et al.	427	38
P07	US-5,151,848	08/24/1990		Finello, D.	361	502
P08	US-5,171,413	09/16/1991		Arntz, Floyd O., et al.	204	192.15
P09	US-5,180,645	03/01/1991		More, Georgina	429	127
P010	US-5,189,550	12/13/1991		Goldner, Ronald B., et al.	359	273
P011	US-5,192,947	02/02/1990		Neustein, Simon	340	825.44
P012	US-5,338,625	07/29/1992		Bates, John B., et al.	429	193
P013	US-5,411,592	06/06/1994		Ovshinsky, Stanford R., et al.	118	718
P014	US-5,425,966	10/27/1994		Winter, Charles , et al.	429	299.1
P015	US-5,426,561	03/31/1994		Yen, S. , et al.	361	502
P016	US-5,445,906	08/03/1994		Hobson, D O. et al.	429	162
P017	US-5,448,110	09/14/1993		Tuttle, John R., et al.	257	723
P018	US-5,468,521	11/02/1994		Kanai, M. , et al.	427	575
P019	US-5,549,989	12/20/1993		Anani, A.	429	193
P020	US-5,558,953	10/07/1994		Matsui, T. , et al.	429	194
P021	US-5,571,749	12/28/1994		Matsuda, K. , et al.	437	113



P022	US-5,626,976	07/24/1995		Blanton, Gerald W., et al.	429	9
P023	US-5,644,207	04/16/1996		Lew, Ark L., et al.	320	5
P024	US-5,695,885	12/06/1995		Malbi, Satwinder	429	7
P025	US-5,763,058	10/07/1995		Isen, Irvin , et al.	428	209
P026	US-5,872,080	04/19/1995		Arendt, P. N., et al.	505	238
P027	US-5,978,207	10/30/1997		Anderson, Wayne , et al.	361	311
P028	US-6,094,292	02/20/1998		Goldner, Ronald H., et al.	359	265
P029	US-6,222,117	12/29/1998		Shiozaki, Atsushi	136	256
P030	US-6,236,061	01/08/1999		Walpta, Lakshaman	257	40

Signature

Examiner Name	Date
	4/27/05

RECEIVED  
APR 15 2003  
TC 2800 MAIL ROOM